

## INTERNATIONAL SEARCH REPORT

International Application No

/IB2005/050897

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 G02B6/42 F21V8/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 G02B H01L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,X	US 2004/233655 A1 (ZIMMERMAN SCOTT MOORE ET AL) 25 November 2004 (2004-11-25)  the whole document	1-3,8, 10-14, 17,19,20
P,X	EP 1 416 545 A (LUMILEDS LIGHTING U.S., LLC) 6 May 2004 (2004-05-06) paragraph '0012! paragraph '0026! - paragraph '0027! figures 2-11	1,3,5
P,X	EP 1 496 380 A (DIEHL LUFTFAHRT ELEKTRONIK GMBH; AIRBUS DEUTSCHLAND GMBH) 12 January 2005 (2005-01-12) abstract; figure 1  ----- -/--	1,2

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

26 May 2005

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X	PATENT ABSTRACTS OF JAPAN vol. 1999, no. 14, 22 December 1999 (1999-12-22) -& JP 11 261111 A (OMRON CORP), 24 September 1999 (1999-09-24) abstract; figures 1,15 -----	1,2,5,8
X	PATENT ABSTRACTS OF JAPAN vol. 2003, no. 07, 3 July 2003 (2003-07-03) -& JP 2003 086845 A (CANON INC), 20 March 2003 (2003-03-20) abstract -----	1,3
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X	US 2004/032728 A1 (GALLI ROBERT) 19 February 2004 (2004-02-19) paragraph '0022! - paragraph '0023!; figures 4,5 paragraph '0027!; figure 8 paragraph '0026!; figure 7 -----	1,2,5,6, 8,10,12
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X	US 3 877 052 A (DIXON ET AL) 8 April 1975 (1975-04-08) figure 1 column 3, line 3 - line 8 column 3, line 57 - line 60 column 4, line 60 - line 65 -----	5,6,8
X	PATENT ABSTRACTS OF JAPAN vol. 010, no. 061 (E-387), 11 March 1986 (1986-03-11) -& JP 60 213069 A (SUMITOMO DENKI KOGYO KK), 25 October 1985 (1985-10-25) abstract ----- -/-	5,6,8, 10,12

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X	US 5 710 441 A (ACKLEY ET AL) 20 January 1998 (1998-01-20) column 3, line 53 - line 65; figure 1 column 4, line 17 - line 30; figure 2	5,6
X	PATENT ABSTRACTS OF JAPAN vol. 007, no. 243 (E-207), 28 October 1983 (1983-10-28) - & JP 58 131781 A (NIPPON DENKI KK), 5 August 1983 (1983-08-05) abstract	5
X	US 6 290 382 B1 (BOURN CHARLES T ET AL) 18 September 2001 (2001-09-18) figures 4a-4h	1,2,8, 10,11
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X	WO 00/29785 A (BAYER AKTIENGESELLSCHAFT; WEHRMANN, ROLF; HEUER, HELMUT-WERNER) 25 May 2000 (2000-05-25) figures 4,5	1,8,9
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